

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>124-1092</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/507113</b> To be assigned
INTERNATIONAL APPLICATION NO. <b>PCT/EP03/50073</b>	INTERNATIONAL FILING DATE <b>19 March 2003</b>	PRIORITY DATE CLAIMED <b>20 March 2002</b>
TITLE OF INVENTION <b>MICRO-ELECTROMECHANICAL SYSTEMS</b>		
APPLICANT(S) FOR DO/EO/US <b>BRUNSON, K. et al.</b>		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
- ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
- ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
- ☐ The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).
- A copy of the International Application as filed (35 U.S.C. 371(c)(2)).
  - ☒ is attached hereto (21 pages specification, claims & abstract (24 claims), 2 sheets drawings).
  - ☒ has been communicated by the International Bureau.
  - ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
- ☐ An English language translation
  - ☐ of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (      pages specification, claims & abstract (      claims),      sheets drawings,      page Certificate of Translation).
  - ☐ of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - ☐ are attached hereto (required only if not communicated by the International Bureau).
  - ☐ have been communicated by the International Bureau.
  - ☒ have not been made; however, the time limit for making such amendments has **NOT** expired.
  - ☐ have not been made and will not be made.
- ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
  - ☐ Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).
- See item 6.b. above.

**Items 11 To 20 below concern document(s) or information included:**

- ☐ An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
- ☒ An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
- ☒ A FIRST preliminary amendment.
- ☐ A SECOND or SUBSEQUENT preliminary amendment.
- ☐ A substitute specification.
- ☐ A change of power of attorney and/or address letter.
- ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.
- ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
- ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
- ☒ Other items or information. International Search Report and PTO Form 1449

DT09 Rec'd PCT/PTO 10 SEP 2004

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.53) <b>To be assigned</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP03/50073</b>		ATTORNEY'S DOCKET NUMBER <b>124-1092</b>	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$920.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$770.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$730.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>					<b>CALCULATIONS</b> PTO USE ONLY																					
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).					\$      920.00																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:20%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:20%;">RATE</th> <th style="width:20%;"></th> </tr> <tr> <td>Total Claims</td> <td>24</td> <td>minus 20 =</td> <td>4</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2</td> <td>minus 3 =</td> <td>0</td> <td>X \$86.00</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</td> <td>\$290.00</td> </tr> </table>					CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	24	minus 20 =	4	X \$18.00	Independent Claims	2	minus 3 =	0	X \$86.00	MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$290.00	\$      0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																							
Total Claims	24	minus 20 =	4	X \$18.00																						
Independent Claims	2	minus 3 =	0	X \$86.00																						
MULTIPLE DEPENDENT CLAIMS(S) (if applicable)				\$290.00																						
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$420.00/2 months; \$950.00/3 months)					\$      0.00																					
<b>TOTAL OF ABOVE CALCULATIONS =</b>					<b>\$      992.00</b>																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					\$      0.00																					
<b>SUBTOTAL =</b>					<b>\$      992.00</b>																					
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).					\$      0.00																					
<b>TOTAL NATIONAL FEE =</b>					<b>\$      992.00</b>																					
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). <b>\$40.00</b> per property					\$      40.00																					
Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00)					\$      0.00																					
<b>TOTAL FEES ENCLOSED =</b>					<b>\$      1032.00</b>																					
Amount to be: refunded					\$																					
Charged					\$																					

  

a. ☒ A check in the amount of \$1032.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.

d. ☒ The entire content of International Application No. **PCT/EP03/50073** and any U.S. and foreign application(s) corresponding thereto, and GB 0206510.0, referred to in this application is/are hereby incorporated by reference in this application.

**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

**CORRESPONDENCE ADDRESS**  
 Direct all correspondence to:

☒ **Customer Number:**

**23117**

Type Customer Number here

Place Customer Number Bar Label Here →

Telephone: (703) 816-4000  
SCS:ecb

**Stanley C. Spooner**  
NAME

**27,393**  
REGISTRATION NUMBER

**September 10, 2004**  
Date